

**Amendments to the Specification:**

Please replace paragraph [019] with the following amended paragraph:

[019] There may be one or more session-based groups (SBG) associated with a WKG. Devices in a WKG create an SBG. After these devices agree on a WiFi configuration to use, and “migrate” to this wireless network, the SBG becomes an independent entity, and can move outside of the physical area covered by the WKG. For example, the WKG 120 includes K SBGs 125<sub>1</sub> to 125<sub>K</sub> and other mobile devices 126<sub>1</sub> to 126<sub>L</sub> that do not belong to any SBG-SGG. The WKG 130 includes M SBGs 135<sub>1</sub> to 135<sub>M</sub> and mobile devices 136<sub>1</sub> to 136<sub>P</sub> that do not belong to any SBG.

Please replace paragraph [031] with the following amended paragraph:

[031] As a user turns his/her device on, and searches for possible people or devices to interact with, the device joins the default WKG of the user. This can be an open or a restricted WKG depending on the configuration set by the user. The user typically obtains the WKG network configuration and the set of WKG interaction protocols from the WKG creator. Joining an open WKG only depends on the ability of the device to support the interaction protocol used with this WKG. For a restricted WKG, the full WiFi configuration is created on demand by the device. For example, some module on the device may dynamically create a WEP key based on the group’s BSSID. After a user has joined a WKG, and after the initial discovery of devices and applications has taken place, the device also presents to the user the list of SBGs in the vicinity that are advertised on the WKG or SBGs that it received an advertisement for and that are still valid. As ~~SBGs-SBGs~~ are created, terminated, enter or leave the vicinity, this list will change to reflect the current state. This list may include SBGs that have no members in them yet (e.g., created but not yet used). A user can request to join an SBG. There are no restrictions for a device to join an open SBG but in the case of a restricted SBG, the device has to be granted the access to it. Membership of a restricted session-based group can be fixed at creation time so that no new member can join, may require a registration process to some Internet service in order to obtain the complete WiFi configuration, or may be dynamically granted by current members of the group. It is therefore important for a device to know the access method for joining a restricted SBG. This information is included in the SBG advertisement. While any migration of devices between the different kinds of ad-hoc groups (WKG or SBG) is possible, devices mainly migrate (1) from open WKG to open or restricted SBG and vice-versa, and (2) from restricted WKG to restricted SBG, and vice-versa